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ABSTRACT

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In order to improve the mechanical strength after ageing of a mineral wool insulation product, particularly in a wet medium, a hydrophilic latex comprising a dispersion or emulsion of a polymer prepared from monomers each having a hydrophilic functional group, or a dispersion or emulsion of a polymer and a hydrophilic protective colloid is incorporated in the sizing composition. The presence of the hydrophilic latex or protective colloid allows the loss of mechanical performance after ageing to be very considerably reduced. The mineral wool may include those which dissolve in a physiological medium and have 8-25% by weight of at least one alkali metal oxide.

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